

Release notes for ENDF/B Development dec-054_Xe_142
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. All probability distributions should be normalized to 1, this one isn't.
MAT=1754, MF= 8, MT=457 (1): Bad norm (b)

ERROR(S) FOUND IN MAT=1754, MF= 8, MT=457
 NORMALIZATION CHECK INTEGRAL= 1.01232E+00 BEFORE

2. Energies released in decay not adding up!
MAT=1754, MF= 8, MT=457 (2): Bad energy sum

ERROR(S) FOUND IN MAT=1754, MF= 8, MT=457
 TOTAL ENERGY RELEASE SUMUP FAILURE
 WHOLE= 5.28709E+06 SUM= 2.90150E+06

3. Energies released in decay not adding up!
MAT=1754, MF= 8, MT=457 (3): Bad energy sum

ERROR(S) FOUND IN MAT=1754, MF= 8, MT=457
 GAMMA AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 1.06479E+06 SUM= 1.07828E+06

4. Energies released in decay not adding up!
MAT=1754, MF= 8, MT=457 (4): Bad energy sum

ERROR(S) FOUND IN MAT=1754, MF= 8, MT=457
 BETA AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 1.81773E+06 SUM= 1.82273E+06

5. Energies released in decay not adding up!
MAT=1754, MF= 8, MT=457 (5): Bad energy sum

ERROR(S) FOUND IN MAT=1754, MF= 8, MT=457
 NEUTRON AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 4.73390E+02 SUM= 4.87451E+02